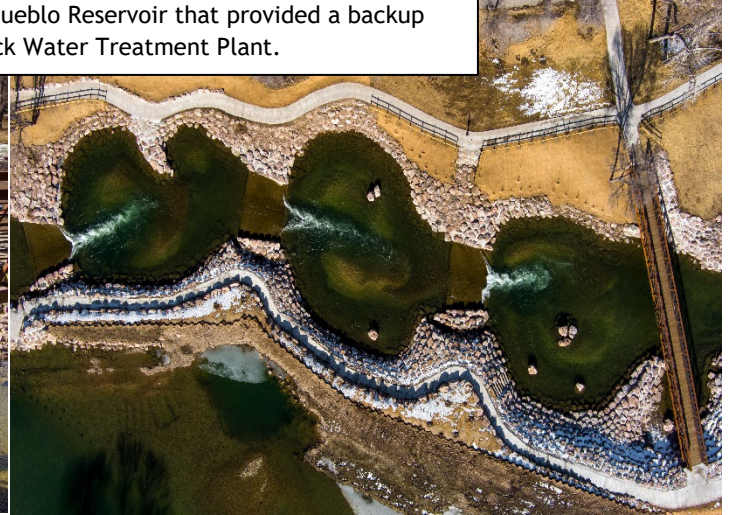
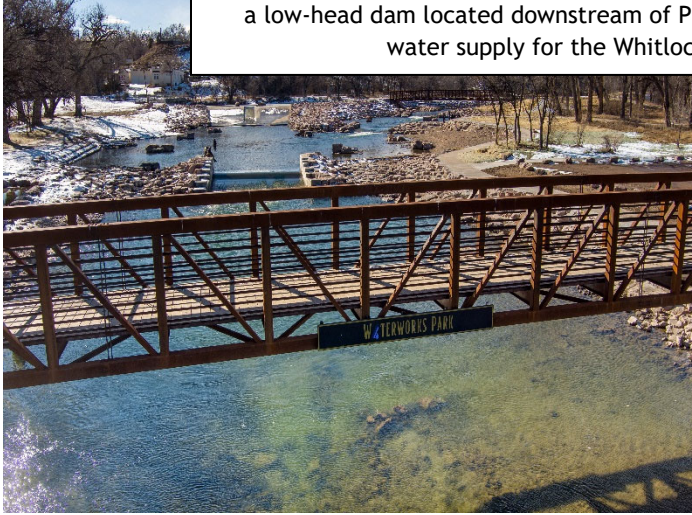




## Southside Diversion Dam Improvements

Board of Water Works of Pueblo  
Substantially Complete February 1, 2025

The Southside Diversion Dam, originally built after the 1921 Arkansas River flood, was a low-head dam located downstream of Pueblo Reservoir that provided a backup water supply for the Whitlock Water Treatment Plant.



### Project Description

The Southside Diversion Dam is located about 3.5 miles below Pueblo Reservoir and 0.5 miles above the Whitlock Water Treatment Plant. The Dam was a monolithic, concrete low-head dam featuring a 200-foot-long weir with a vertical drop of about 10 feet. Low-head dams are extremely hazardous to recreators because of recirculating currents on their downstream sides.

The Board of Water Works of Pueblo elected to remove the low-head diversion dam and replace it with a series of drops that would allow for fish and recreational passage. This was accomplished by lengthening the slope of the downstream side of the dam weir so that recreators may pass safely over it and by making improvements to the intake infrastructure. A bypass channel with several pools was constructed adjacent to the dam to allow for boat travel. Other improvements included bank stabilization, installation of new vegetation, and stream continuity for the first time in over 100 years. Two pedestrian bridges were also installed to provide easier and safer access for recreators. Construction began in the fall of 2023 and was complete at the end of 2024.

P R O J E C T   D A T A		
<i>Sponsor:</i> Board of Water Works of Pueblo	<i>County:</i> Pueblo	<i>Water Source:</i> Arkansas River
<i>Type of Project:</i> Diversion Rehabilitation		<i>Board Approval Date:</i> March 2023
<i>Loan Terms:</i> 20yr @ 2.25% (Original) \$9,847,500.00 (Final) \$9,847,500.00		
<i>Design Engineer:</i> BGC Engineering USA Inc.		
<i>Contractor:</i> Holcim WCR Inc.		